

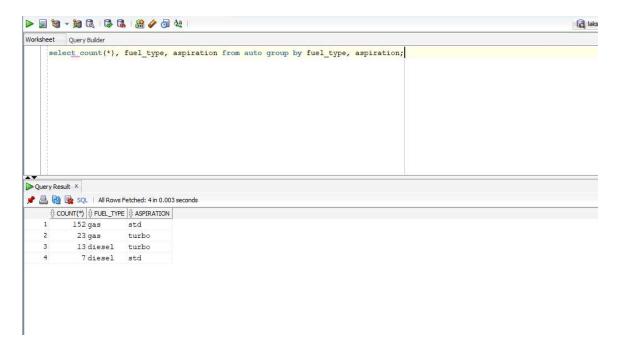
Conclusion:

- The guery results in the total of 195 rows and 26 coumns from an automoble dataset.
- The dataset includes the details about manufacturing, designing and maintainance of different makers of cars.
- It also includes prices ranging from highest to lowest based on the brand.



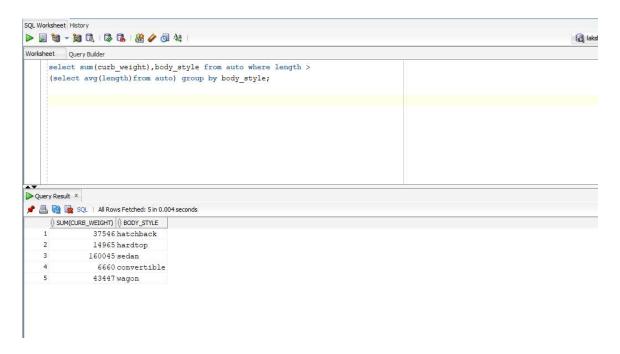
The query results the median highway mpg of car for how much distance a vehicle will travel in miles for a gallon of fuel .

- Median of highway mpg for fwd drive wheels is 34
- Median of highway mpg for 4wd drive wheels is 29
- Median of highway mpg for fwd drive wheels is 25



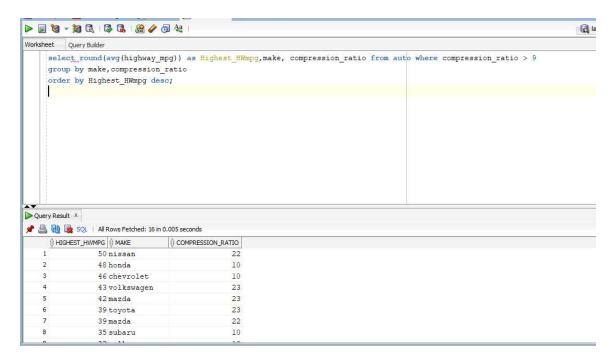
The query results in total number of fule types and Aspirations.

- Gas fuel type consists std and turbo aspirations with total of 152 std aspirations and 23 turbo aspirations.
- While Diesel fuel type consists std and turbo aspirations with total of 7 std aspirations and 13 turbo aspirations.



The query results in sum of curb weight of each body style of cars where the length of the car is greater than average length of the cars.

- The length of the car is being compared with average length of all the cars where sum of the length of the cars is 33980 and average of the cars is 174.
- Sum of the height curb weight is 160045 and lowest curb weight is 6660.



The query results in the average of highway mpg of the "make" with the compression ratio greater than 9.

- Nissan has the highest average highway mpg among the other makes with 50 highway mpg.
- Whereasj Jaguar has the lowest average highway mpg with 17 highway mpg.
- Mazda, toyota, volkswagen, volvo have the top compression ratio with 23.
- 6. Error in question no. 6



The query results in the average of prices of cars for each 'make'.

- Jaguar make has the highest average price with 34600.
- chevrolet make has the lowest average price with 6007.

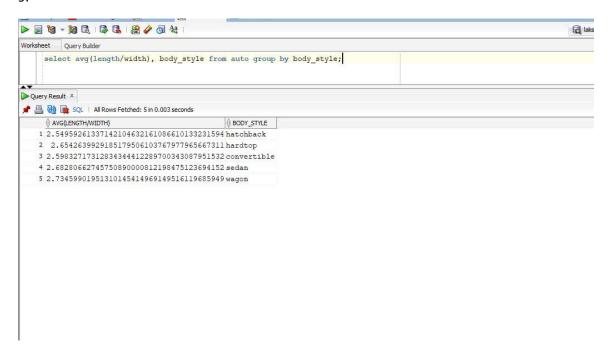
8.



conclusion:

The query results in city mpg of cars with greater than 90th percentile city mpg.

- The 90 th city mpg of cars is 31 pecent
- 19 cars have city mpg geater than 90th percentile city mpg



conclusion:

The query results in the average length to width ratio of the cars for each body style.

- Wagon body style car has the highest average length to width ratio with 2.7
- Hatchback body style car has the lowest average length to width ratio with 2.54



The query results in the number of cars within one standard deviation of the average price.

- The number of cars within one standard deviation is 169.
- Here, 68% of the cars will fall under one standard deviation of the average price.

11.



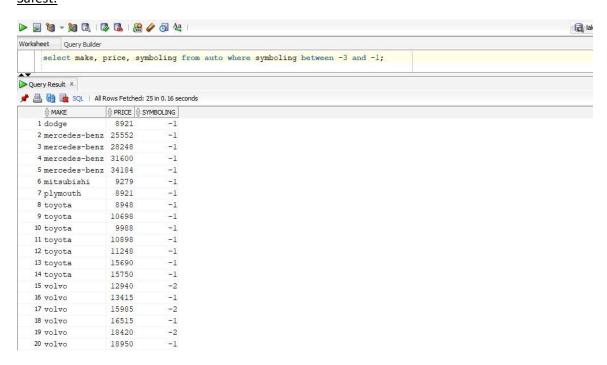
conclusion:

The query results in the price of the cars greater than the 75% of the price of the car.

• Out of 195 cars, 49 cars have the price above 75% of the price of the cars.

- The top 3 highest prices of the cars are
 - 1. 45400 mercedes-benz
 - 2. 41315 bmw
 - 3. 40960 mercedes-benz

Safest:

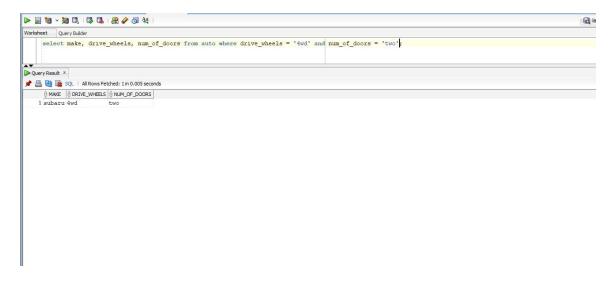


conclusion:

The query results in the maker and price range of the vehicles that are safest.

- There are total 6 companies that are providing the safest cars among all the companies.
- Top five price range of cars are:
 - 1. mercedes-benz 34184
 - 2. mercedes-benz 31600

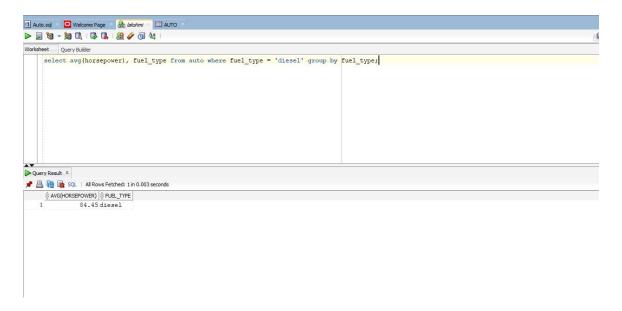
- 3. mercedes-benz 28248
- 4. mercedes-benz 25552
- 5. volvo 22625



conclusion:

The query results in the maker of 4wd cars that have only 2 doors.

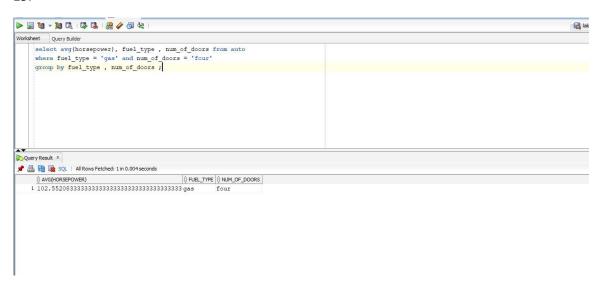
• Subaru is maker of 4wd cars that have only 2 doors.



The query results in the query results in the average horsepower of diesel type cars

- 84.45 is the average horsepower of diesel type cars.
- There are totally 20 diesel type cars.

15.



conclusion:

The query results in the average horsepower of gas type cars having only 4 doors.

• 102.55 is the average horsepower of gas type cars having only 4 doors.

• There are totally 96 gas type cars having only 4 doors.